

Approved for entry  
05/01/05  
TTB

Replace the Abstract of the Disclosure with the following new  
Abstract of the Disclosure:

ABSTRACT OF THE DISCLOSURE

A rotary engine has a spherical enclosure serving as a combustion chamber, a first baffle inside the combustion chamber slideable along a groove formed in the spherical enclosure, and a second baffle disposed in the combustion chamber which is in sealing engagement with the internal spherical surface of the combustion chamber. The second baffle is carried by a rotatable shaft, the shaft extending into the spherical combustion chamber.

The first baffle rests against the second baffle, and separates the interior of the combustion chamber into a first part and a second part. A first valve in a first opening is disposed to communicate with the first part of the combustion chamber, and a second valve in a second opening is disposed to communicate with the second part of the combustion chamber.